

## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

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STATE RI FIELD OFFICE	ALL DATE 3/2002
PRACTICE: 380 Windbreak/shelterbelt Establishment	NOTES: Temporary adverse effects of planting are not illustrated.
RESOURCE: SOIL	
RESOURCE CONCERN: EROSION	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	insignificant
WIND	significant reduction in wind erosion
EPHEMERAL GULLY	insignificant
CLASSIC GULLY	insignificant
STREAMBANK	insignificant
IRRIGATION INDUCED	insignificant
SOIL MASS MOVEMENT	insignificant
ROADBANK/CONSTRUCTION	N/A
OTHER RESOURCE CONCERN: SOIL CONDITION	
SOIL TILTH	insignificant
SOIL COMPACTION	insignificant
SOIL CONTAMINATION	morganizant .
• SALTS	N/A
ORGANICS	N/A
FERTILIZERS	N/A
PESTICIDES	N/A
OTHER	
DEPOSITION/DAMAGE	
ONSITE	N/A
OFFSITE	N/A
DEPOSITION/SAFETY	
• ONSITE	N/A
OFFSITE	N/A
OTHER	
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTIT	$\mathbf{Y}$
SEEPS	insignificant
RUNOFF/FLOODING	insignificant
EXCESS SUBSURFACE WATER	insignificant
INADEQUATE OUTLETS	insignificant
WATER MGT. IRRIGATION	
• SURFACE	slight improvement in irrigation efficiency
• SPRINKLER	moderate improvement in irrigation efficiency
WATER MGT. NON-IRRIGATED	moderate improvement in moisture use
RESTRICTED FLOW CAPACITY (H20 convey.)	
ONSITE	N/A
OFFSITE	N/A
RESTRICTED STORAGE	insignificant
OTHER	

RESOURCE: WATER RESOURCE CONCERN: WATER	OHALITY
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	N/A
NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
HEAVY METALS	N/A
• PATHOGENS	N/A
OTHER	
SURFACE WATER CONTAMINANTS	
PESTICIDES	insignificant
NUTRIENTS AND ORGANICS	insignificant
SUSPENDED SEDIMENTS	insignficant
LOW DESOLVED OXYGEN	insignificant
• SALINITY	N/A
HEAVY METALS	insignificant
WATER TEMPERATURE	insignificant
• PATHOGENS	insignificant
AQUATIC HABITAT SUITABILITY	situational concerning animal habitat suitibility
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALI	TY
AIRBORNE SEDIMENT AND SMOKE	
PARTICLES	
ONSITE SAFETY	sign. decrease in airborn sed.smoke part./safety
OFFSITE SAFETY	sign. decrease in airborn sed.smoke part./safety
ONSITE STRUCT. PROBLEMS	sign. decrease in struc. problems/dust and smoke
OFFSITE STRUCT. PROBLEMS	sign. decrease in struc. problems/dust and smoke
ONSITE HEALTH	sign. decrease in onsite health prob./dustsmoke
OFFSITE HEALTH	sign. improvement in offlsite health
AIRBORNE SEDIMENT CAUSING	sign. decrease in airborn sediment/convey. prob.
CONVEYANCE PROBLEMS	
AIRBORNE CHEMICAL DRIFT	sign. decrease in airborn chem. drift
AIRBORNE ODORS	sign. decrease in airborn odors
FUNGI, MOLDS, AND POLLEN	insignificant
OTHER	
RESOURCE CONCERN: AIR CONDI	TION
AIR TEMPERATURE	moder. improvement in air condition/ temperature
AIR MOVEMENT (windbreak effect)	moder. improvement in air condition/ air movement
HUMIDITY	moder. improvement in air condition/ humidity
OTHER	

RESOURCE: PLANT	<b>*</b> 7	
RESOURCE CONCERN: SUITABILITY		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SITE ADAPTATION	slight improvement in plant suitability/site adapt	
PLANT USE	insignificant	
OTHER		
RESOURCE CONCERN: CONDITION		
PRODUCTIVITY	moder. improvement in plant cond./ productivity	
HEALTH, VIGOR, SURVIVAL	moder. improvement in plant health, vigor, survival	
OTHER		
RESOURCE CONCERN: MANAGEME	ENT	
ESTAB., GROWTH, HARVEST	moder. improvement in plant estab.,growth,harvest	
NUTRIENT MANAGEMENT	N/A	
PESTS	N/A	
THREAT/ENDANGERED PLANTS	N/A	
OTHER		
RESOURCE: ANIMAL		
RESOURCE CONCERN: HABITAT		
FOOD	sign. improvement in animal habitat/food supply	
COVER/SHELTER	sign. improvement in animal habitat/cover,shelter	
WATER (QUANTITY & QUALITY)	insignificant	
OTHER		
RESOURCE CONCERN: MANAGEME	ENT	
POPULATION BALANCE	sign. improvement in animal mgt./pop. balance	
THREAT/ENDANGERED ANIMALS	situational	
HEALTH	N/A	
OTHER		
RESOURCE: <b>HUMAN</b>		
RESOURCE CONCERNS: ECONOMIC	C CONSIDERATIONS	
PLAN / COST EFFECTIVENESS	moderately cost effective	
CLIENT FINANCIAL CONDITION	moderately cost effective	
MARKETS FOR PRODUCTS	moderately improve marketing products	
AVAILABLE LABOR	insignificant	
AVAILABLE EQUIPMENT	insignificant	

RESOURCE: <b>HUMAN</b>	
RESOURCE CONCERN: SOCIAL CO	NSIDERATIONS
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	slight improvement in public health safety
PRIVATE/PUBLIC VALUES	slight improvement in private/public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL	
ABSENCE/PRESENCE OF CULTURAL	situational regarding cultural resources
RESOURCES	stantonal regarding cultural resources
RESOURCES SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources
SIGNIFICANCE OF CULTURAL	
SIGNIFICANCE OF CULTURAL RESOURCES MITIGATION OF NEGATIVE	situational regarding cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources
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